DECLARATION OF JIAN NI, GUO-LIANG YU, PEDRO ALFONSO, JEFFREY SU AND REINER GENTZ UNDER 37 C.F.R. § 1.131

Each of the inventors of U.S. Patent Application No. 08/761,289, filed December 6, 1996, and U.S. Patent Application No. 09/227, 854, filed January 11, 1999, Jian Ni, Guo-Liang Yu, Pedro Alfonso, Jeffrey Su, and Reiner Gentz, hereby declare and state as follows:

- 1. I am an inventor of the subject matter described and claimed in the above U.S. Patent Applications, which are assigned to Human Genome Sciences, Inc. (HGS). The work described below occurred at HGS, which is located in Rockville, Maryland, U.S.A.
- 2. The above-identified patent application relates to the isolation and characterization of a cDNA encoding a novel gene product designated Chemotactic Cytokine I (CCI).
- 3. A cDNA clone designated "HALTA54" (479,617), was deposited with the American Type Culture Collection (ATCC) on September 25, 1995 and was assigned ATCC Accession Number 97304 (see Exhibit A) Exhibit B, attached hereto, is a redacted printout of data from the HGS electronic documentation system fRIS, which shows the nucleotide sequence (No. 479,617) corresponding to cDNA clone HALTA54. The "Date Sequenced" redacted from Exhibit B is prior to March 6, 1995. Exhibit C, attached hereto, is a redacted printout of a Batch Worksheet which evidences expression of the protein encoded by clone HALTA54 in a baculovirus

expression system. The redacted date upon which this Batch Worksheet was generated is prior to March 6, 1995.

- 4. The nucleotide sequence disclosed in Exhibit B corresponds to the sequence disclosed in Figure 1 of the above-identified application and U.S. Provisional Application Serial No. 60/008,387, a copy of which is attached herewith as Exhibit D and E, respectively. The only differences between the sequence shown in Exhibits D and E is the exclusion from Exhibits D and E of the initial two G nucleotides and the final G nucleotide (i.e., nucleotides 1, 2 and 483) shown in Exhibit B. The cDNA clone HALTA54 (ATCC Deposit No. 97304) and Exhibit B both contain the entire sequence shown in Exhibits D and E.
- 5. I declare further that all statements made in this Declaration of my own knowledge are true, and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated:

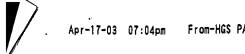
Dated:

Gui-Liang Yu

Dated:

Pedro Alfonso

Dated:	
	Jeffrey Su
D 1	
Dated:	Remer Gentz



DECLARATION OF JIAN NI, GUO-LIANG YU, PEDRO ALFONSO, JEFFREY SU AND REINER GENTZ UNDER 37 C.F.R. § 1.131

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Apr-17-03 07:04pm

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Dated:	Jian Ni	
Dated: 11 av 25 2002	Gui-Liang Yu	
Dated:	Pedro Alfonso	
	2	Atty. Docket No.: PF3

Dated:	_	 -				
		Jeffrey Su				
Dated:	•					
	-	Dainer Gentz				

DECLARATION OF JIAN NI, GUO-LIANG YU, PEDRO ALFONSO, JEFFREY SU AND REINER GENTZ UNDER 37 C.F.R. § 1.131

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Atty Docket No.: PF210

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Dated:	Jian Ni
Dated:	Gui-Liang Yu
Dated: 11 /25 /2002	Pedro Alfonso

Dated:

Jeffrey Su

Dated:

Reiner Gentz

DECLARATION OF JIAN NI, GUO-LIANG YU, PEDRO ALFONSO, JEFFREY SU AND REINER GENTZ UNDER 37 C.F.R. § 1.131

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Dated:	Jian Ni
Dated:	Gui-Liang Yu
Dated:	Pedro Alfonso

2

Dated: Jeffrey Su

Dated: 11 20 2002 Reiner Gen



American Type Culture Collection

12161 Paralaga Dave . Rocaville, MD 10352 USA . Telephone: (301)211-5520 Televi 393-045 ATCCNORTH . FAX: 301-770-1537

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT ISSUED PURSUANT TO RULE 7.3
AND VIABILITY STATEMENT ISSUED PURSUANT TO RULE 10.2

To: (Name and Address of Depositor or Attorney)

BEARINGS

Human Genome Sciences Attention: Robert H. Benson 9410 Key West Avenue Rockville, MD 20850

HGS PATENT DEPT.

Deposited on Behalf of: Human Genome Sciences

Identification Reference by Depositor:

ATCC Designation

DNA Plasmid, 479617 (Docket PF210)

97304

The deposits were accompanied by: _ a scientific description _ a proposed taxonomic description indicated above.

The deposits were received September 25, 1995 by this International Depository Authority and have been accepted.

AT YOUR REQUEST:

* We will inform you of requests for the strains for 30 years.

The strains will be made available if a patent office signatory to the Budapest Treaty certifies one's right to receive, or if a U.S. Patent is issued citing the strains and ATCC is instructed by the United States Patent & Trademark Office or the depositor to release said strain.

If the cultures should die or be destroyed during the effective term of the deposit, it shall be your responsibility to replace them with living cultures of the same.

The strains will be maintained for a period of at least 30 years after the date of deposit, and for a period of at least five years after the most recent request for a sample. The United States and many other countries are signatory to the Budapest Treaty.

The viability of the cultures cited above was tested October 5, 1995. On that date, the cultures were viable.

International Depository Authority: American Type Culture Collection, Rockville, Md. 20852 USA

Signature of person having authority to represent ATCC:

חומות משובים במת של מיים במת של מיים במת של מיים

Date: October 11, 1995

Search Results

Dale Scored:

Overlap

Score Description

記

Sequence Worksheet Human Genome Sciences, Inc. HALTA54P:

Sequence Information Gene Name:

Date Sequenced:

Library Nam: Human Adult Liver

Lab Sequenced: HGS

Lab Scored: HGS

Group ID: 20190

Library Catalog: H0147

HGS Code: 479617

Sequence ID: HALTA54P

In Group: 35

Class:

Previous Class:

= 241 AIGAAATAIT 481 CIG

Sequence

HALITA54P

483 bp

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CELLWOAN

Sncor DET INITION

CRUCIN 61 AACATTACCC TOXCAAGATG ACAAAACTTG AAGAOCATCT CCAGCGAATT GTCAATATCT COCACCACCA CCACIOCIOS CITITIOCIO TAGCICCACA TICCIGIGCA TICAGOGGIT

121 TCCACCAATA CICAGTICOG AAGOGOONTI TIGACACCCI CICTAACOGI GAGGIGAACC ACCITICITIAC AAACCACCITT CCAAACACCA TCAAGAATAIT CAAAGAITAAA GCIGICATIIG CCAACOCCIG GATIOCTIANIC AACATIGAACA GGICCACTITI CAAGAATTICA

301 TATOCOUGH ACCATUCO CUGAAGCOG COCATTACCA CACCOACAAA GAGTACGTAG

361 CICICICAAG CCITITITACC CACCAATGIC CICAATGAG GOGICTITITC TITICCCICAC

421 CAAAACCCAG CITGACCCCI GOOGCGAGTT AACAGTTAAT AACCACACIT ACCGAAAGTT

Sequence Notes

Received from < 3013098439 > at 4/17/03 8:05:13 PM [Eastern Daylight Time]



Human Genc re Sciences, Inc.

Batch Worksheet HG04900-B1: Chemotactic Cytokine I

7	4		•					•			
	Gene Name:	Chemot	actic Cy	tokine l				_			
3at¢	n Serial #:	HG049	00-B1		Crea	ed:		B			〓
	roject Code:				Batch #: [Expression	n: Baculovirus		
	y Produced:		mg	·Qty F	Remaining: 2	.50	mg	• •			
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Da	te Sent S	ant To	mount		Analysis						133
		scing	1.00	95							71.9
	J	Ni.	0.50	90							720
	J	Ni_	0.50	90							

FIGURE 1 1/2

173

CATTAGGCTGGGAAGATGACAAAACTTGAAGAGCATCTGGAGGGAATTGTCAATATCTTC CACGAGCACCACTGCTGGCTTTTTTGCTGTAGCTCCACATTTCCTGTGCATTGAGGGGTTAA 130 CA CCAATA CTCAGTTCGGAAGGGGCATTTTGA CA CCCTCTCTAAGGGTGAGCTGAAGCAAG

G

190

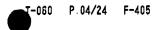
×

CTGCTTACAAAGGAGCTTGCAAACACCATCAAGAATATCAAAGATAAAGCTGTCATTGAT

GAAATATTCCAAGGCCTGGATGCTAATCAAGATGAACAGGTCGACTTTCAAGAATTCATA M

AAACCCAGCTTGACCCCTGGGGGGGGGTTAAGAGTTAATAACCACACTTACGGAAAGTTCT

CTCTGAAGGCTTTTTACCCAGCAATGTCCTCAATGGAGGGGTCTTTTCTTTGCCTCACCA





HUMAN GENOME SCIENCES LEGAL DEPARTMENT

9410 Key West Avenue Rockville, MD 20850

Phone: 301-309-8504

Fax: 301-309-8439

FAX COVER SHEET

DATE: February 20, 2003

TOTAL NUMBER OF PAGES:

21

TO:

Examiner Michael Brannock - Art Unit 1646

United States Patent & Trademark Office

FAX NO.: (703) 872-9306

PHONE NO.: (703) 306-5876

FROM.

Mark J. Hyman (Reg. No. 46,789)

RE: Application No 09/227,854

Atty. Docket No. PF210D1

Application of: Ni et al.

Filed: January 11, 1999

Title: Human Chemotactic Cytokine I Polypeptides

The following documents were filed by Human Genome Sciences, Inc. via facsimile on February 20, 2003:

- 1. Fax Cover Sheet
- 2. Transmittal Letter & Status Inquiry (3 pages, including Cert. of Transmission)
- 3. Declaration of Jian Ni, Guo-Liang Yu, Pedro Alfonso, and Reiner Gentz Under 37 C.F.R. § 1.131 (3 pages in 4 counterparts; 12 pages total)
- 4. Exhibits A-E (5 pages)

If you experience any difficulty receiving this transmission, please contact Mark J. Hyman at (240) 314-1224.

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DATE: April 17, 2003

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Examiner Michael Brannock - Art Unit 1646

United States Patent & Trademark Office

FAX NO.: (703) 746-5238

PHONE NO.: (703) 306-5876

FROM:

Mark J. Hyman (Reg. No. 46,789)

RE:

Application No. 09/227,854

Atty. Docket No. PF210D1

Application of: Ni et al.

Filed: January 11, 1999

Title: Human Chemotactic Cytokine I Polypeptides

Examiner Brannock:

As we discussed by telephone today, attached are copies of the documents filed by fax on February 20, 2003, that have apparently not yet been entered in the case. I have included our Certificate of Transmission, fax confirmation report, and the automatically-generated return receipt confirming receipt of all 21 pages of the fax transmission at the USPTO on February 20, 2003.

Please let me know if you need anything more.

Mile

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TO.

Fax Sender at 3013098439

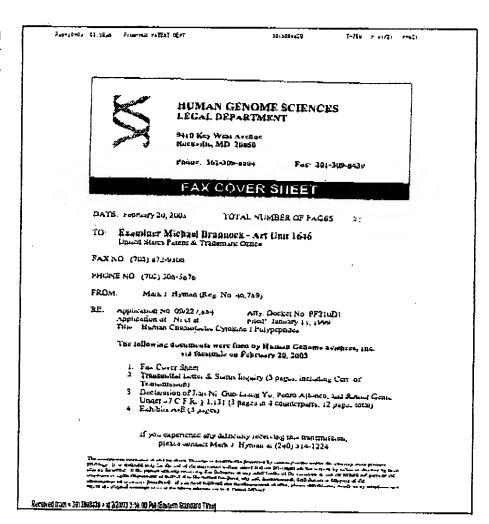
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21 (including cover page)

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FAX NO. (703) 872-9306

PHONE NO.: (703) 306-5876

FROM:

TO:

Murk J. Hyman (Reg No 40.789)

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